

ABSTRACT

A medication delivery device is disclosed having a hollow drill bit with a lateral opening that is adjacent to a beveled or sharpened tip of a hypodermic needle. The lateral opening, which can be a slot or a notch or hole, is located a distance proximal of the sharpened tip that is not less than the thickness of the tissue to be penetrated. This structure allows the hollow drill to penetrate bone and/or other hard tissues without being completely clogged by drilling debris. After drilling into the bone or hard tissue, medication can be delivered through the bore of the hollow drill. The lateral opening provides a clog-free passage for injection of the medication.